

RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY.

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The following titles have been selected from the contents of the periodicals and serials recently received in the Library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

- Aerial Age*. New York. v. 6. March 4, 1918.
 Duffield, W. G. Meteorology: thunderstorms. p. 1118-1119.
- Aerial Age*. New York. v. 7. March 25, 1918.
 Duffield, W. C. Meteorology: air currents and eddies. p. 115.
- Aeronautical journal*. London. v. 22. January, 1918.
 Dines, William H[enry]. Meteorology in relation to aeronautics. p. 17-29; 33-35.
- Engineering news-record*. New York. v. 80. 1918.
 Harrison, J. L. First frost is never responsible for cracked concrete roadways. p. 418-420. (Feb. 28.)
 Ice gorges on Mississippi river sink many vessels. p. 526-527. (Mar. 14.)
- Franklin institute. Journal*. Philadelphia. v. 185. March, 1918.
 Humphreys, W[illiam] J[jackson]. Physics of the air. p. 359-372. (Continuation.)
- Meteorological society of Japan. Journal*. 37th year. February, 1918.
 La morte de Dro Judzi Wada. p. 9.
 Nakamura, Saemonitaro. On the time curve of the earthquake waves for near earthquake. p. 10-18.
- Popular astronomy*. Northfield. v. 26. March, 1918.
 Todd, David. On selecting stations for totality of 1918, July 8, and probable cloud conditions at eclipse time. p. 166-183. [Detailed discussion of probable cloudiness at various stations.]
- Royal meteorological society. Quarterly journal*. London. v. 44. January, 1918.
 Simpson, G[eorge] C. The twelve-hourly barometer oscillation. p. 1-19.
 Whipple, F[rancis] J[ohn] W[elsh]. A note on the propagation of the semi-diurnal pressure wave. p. 20-22.
- Bryant, Walter W[illiam]. Abnormal temperature, with special reference to the daily maximum air temperature at Greenwich. p. 23-30.
- Bolton, P. Computation of wind velocity from pilot balloon observations. p. 31-40.
- Bilham, E[rnest] G[eorge]. The use of monthly mean values in climatological analysis. p. 41-48. [Abstract in this REVIEW.]
- Brooks, Charles E. The meteorology of Ocean Island during the period 1905-1916. p. 50-53.
- Long-period variation in the seasonal distribution of rainfall at Southport. p. 54-55.
- Science*. New York. v. 47. March 15, 1918.
 Marvin, C[harles] F. The nomenclature of thermometric scales. p. 267-268. [Reprint from this REVIEW.]
- Scientific American supplement*. New York. v. 85. March 9, 1918.
 Blair, William R. Meteorology and aeronautics. Physical properties and dynamics of the atmosphere. p. 158-160. [Extr. repr. 13, U. S. national advisory committee for aeronautics.]
- Académie des sciences. Comptes rendus*. Paris. Tome 166. 1918.
 Brazier, E. C. Sur la variation de la vitesse du vent en altitude. p. 176-177. (28 jan.)
 Dunoyer, L. Sur la variation diurne du vent et sur l'influence de la répartition des mers de nuages. p. 293-295. (18 fév.)
 Reboul, G. Sur les variations du vent en altitude. p. 295-297. (18 fév.)
- Archives des sciences physiques et naturelles*. Genève. v. 45. Janvier, 1918.
 Gruner, P[aul]. Les phénomènes crépusculaires d'après les observations anciennes et récentes faites en Suisse. p. 5-37; 100-116. (Jan., fév. 1918.)
 Mercanton, P[aul] L[ouis]. Le bruit de la canonnade du 21 janvier 1917. p. 146-148.
- Géographie*. Paris. Tome 31. no. 5. 1917.
 Rabot, Charles. L'hiver de 1917 en Norvège et en Suède. p. 343-349.
 Rabot, Charles. Les avalanches dans les Alpes suisses en 1917. p. 358-361.